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Defining raft domains in the plasma membrane

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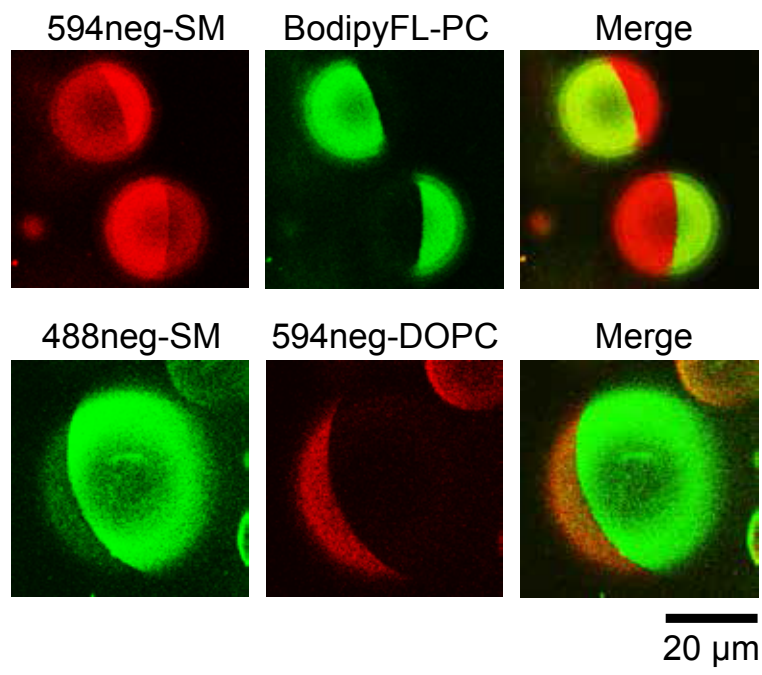


Fig. 1 Kusumi et al.

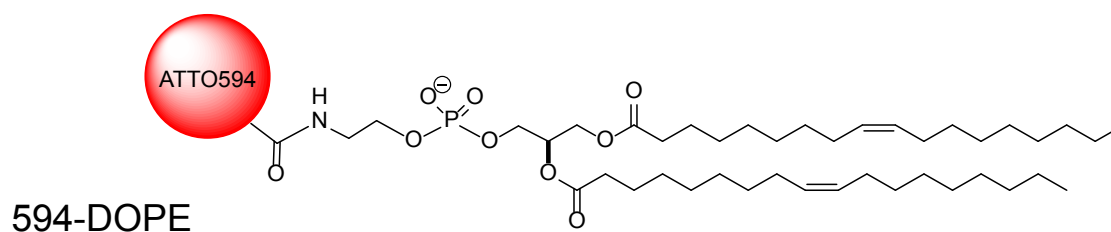
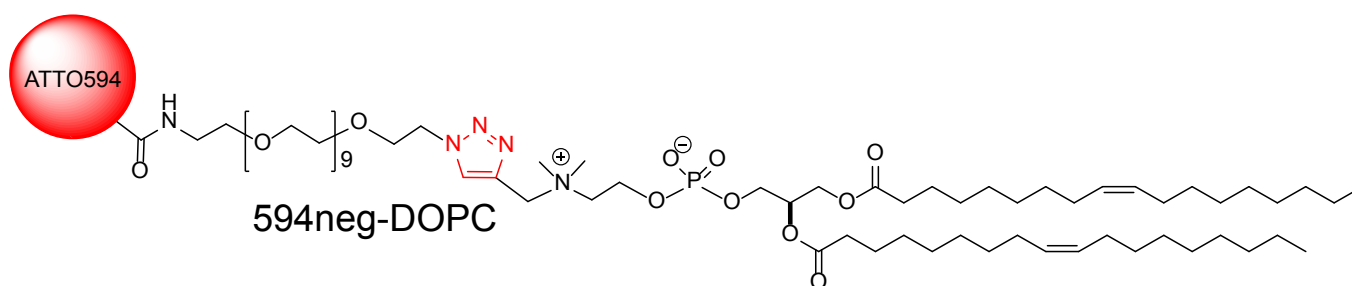
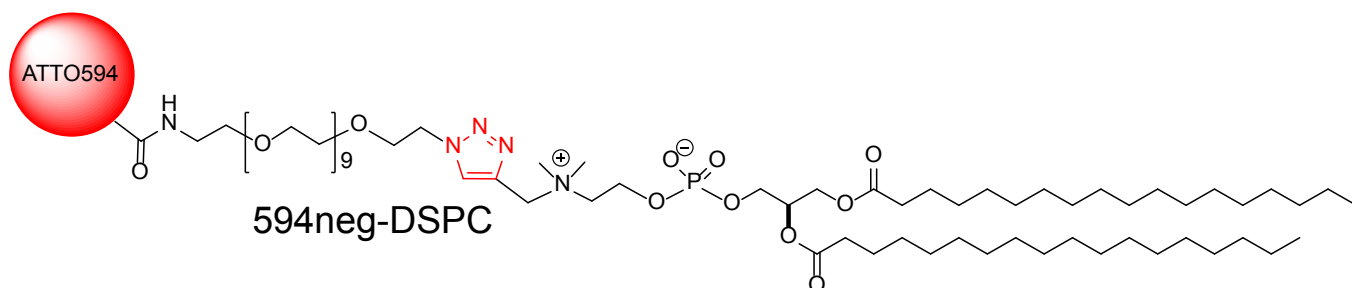
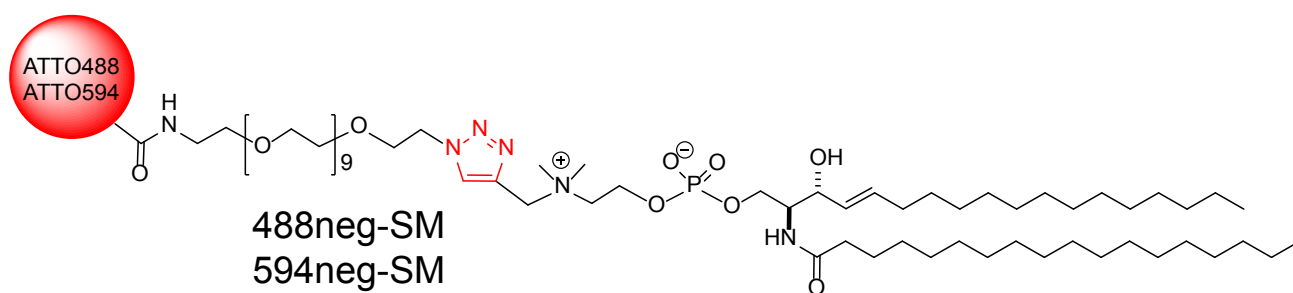


Fig. 2 Kusumi et al.

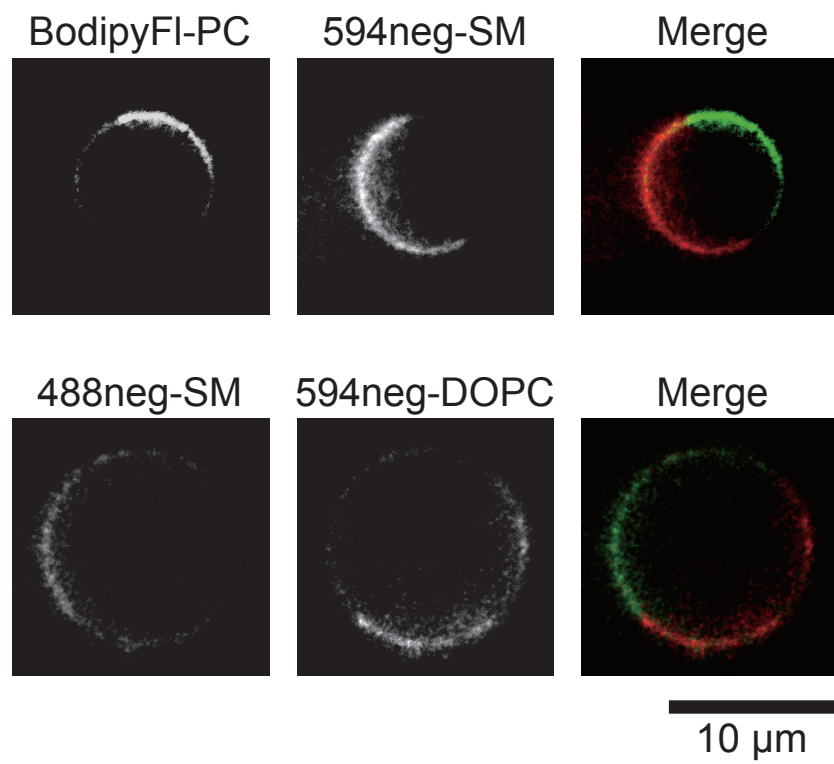
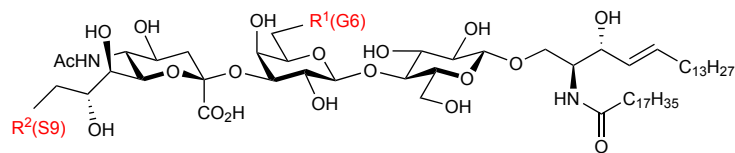


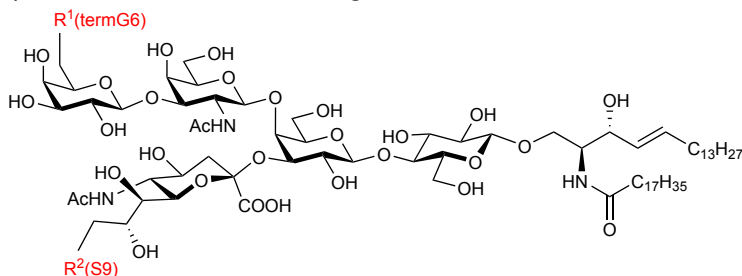
Fig. 3 Kusumi et al.

(A) Fluorescent GM3 analogs

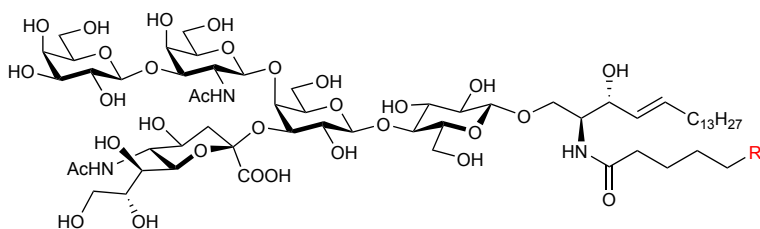


- 1 (TMR-G6-GM3) $R^1 = \text{NHC(=O)-TMR}$, $R^2 = \text{OH}$
- 2 (594-G6-GM3) $R^1 = \text{NHC(=O)-ATTO594}$, $R^2 = \text{OH}$
- 3 (TMR-S9-GM3) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-TMR}$
- 4 (FI-S9-GM3) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-FI}$
- 5 (594-S9-GM3) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-ATTO594}$
- 6 (647N-S9-GM3) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-ATTO647N}$
- 7 (488-S9-GM3) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-ATTO488}$

(B) Fluorescent GM1 analogs

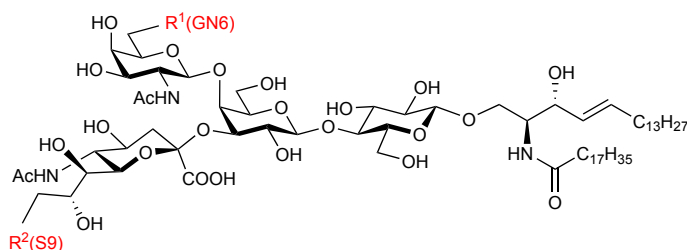


- 8 (TMR-S9-GM1) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-TMR}$
- 9 (594-S9-GM1) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-ATTO594}$
- 10 (488-S9-GM1) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-ATTO488}$
- 11 (594-termG6-GM1) $R^1 = \text{NHC(=O)-ATTO594}$, $R^2 = \text{OH}$



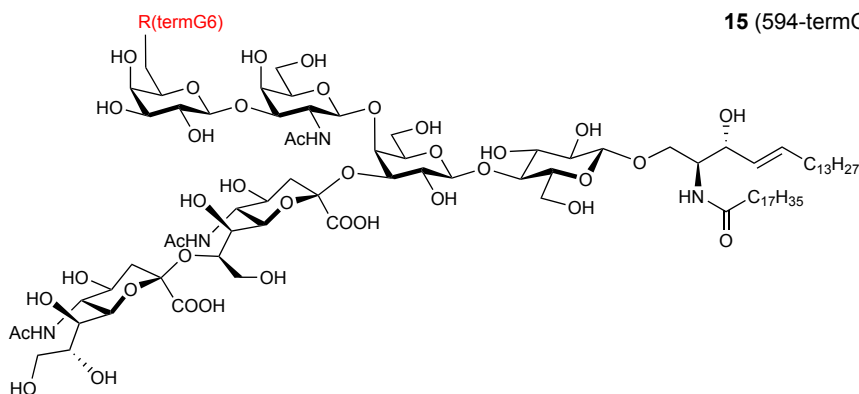
- 12 (BodipyFL-C5-GM1) $R = \text{BodipyFL-C5}$

(C) Fluorescent GM2 analogs



- 13 (594-S9-GM2) $R^1 = \text{OH}$, $R^2 = \text{NHC(=O)-ATTO594}$
- 14 (594-GN6-GM2) $R^1 = \text{NHC(=O)-ATTO594}$, $R^2 = \text{OH}$

(D) Fluorescent GD1b analog



- 15 (594-termG6-GD1b) $R = \text{NHC(=O)-ATTO594}$

Fig. 4 Kusumi et al.